1	2	3	4
12.	Panna	132.135	194.01
13.	Mukta	133.177	30.84
14.	Kharsang	22.06	19.61
15.	CY-OS-90/1 (PY-3)	26.375	9.75

Production in Bombay High

383.SHRI SATISHCHANDRA SITARAM PRADHAN: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether it is a fact that the production in Mumbai (Bombay) High Oil well has been decreasing day by day;

(b) if so, what remedial steps are proposed; and

(c) whether there is any plan to increase the production?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI E. PONNUSWAMY): (a) The Bombay High field has entered declining phase of production which occurs in the life cycle of any producing oil field. Production from this field has declined from the plateau level of 19.20 MMT during 1984-85 to 1989-90 to a level of 11.586 MMT in 1998-99.

(b) and (c) Based on detailed study of shortfall in oil production, various measures, both short term and long term, have been identified. Some of the measures undertaken to arrest the declining trend and increase the production of crude oil are—

(i) Drilling of infill wells and drainhole and extended reach drilling wells.

(ii) Adoption of new technology of drilling and drilling of horizontal wells.

(iii) Re-completion of poorly producing wells with side tracking.

(iv) Hiring of consultants of international repute for formulation of re-development plan of Bombay High field.

(v) Acquisition of 3-D seismic data for better understanding of the reservoir for future development plans.

(vi) Trial of new technology like "Gel Technology" in Bombay High field for control of excessive gas and water production.

Use of LPG for motor vehicles

384. SHRI SATISHCHANDRA SITARAM PRADHAN: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state: